

A124USSEQ.TXT

SEQUENCE LISTING

<110> Biogen Idec Ma Inc.
 Bailly, Veronique
 Bonventre, Joseph
 The General Hospital Corporation

<120> Molecules and Methods for Inhibiting
 Shedding of KIM-1

<130> A124 US

<140> Not assigned yet

<141> 2003-11-14

<150> 60/295449

<151> 2001-06-01

<150> 60/295907

<151> 2001-06-04

<150> PCT/US02/17402

<151> 2002-05-31

<160> 8

<170> FastSEQ for windows Version 4.0

<210> 1

<211> 18

<212> PRT

<213> Homo Sapiens

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Ser Ser Asp Gly Leu Trp Asn Asn Asn Gln Thr Gln Leu Phe Leu Glu
 1 5 10 15
 His Ser

<210> 2

<211> 9

<212> PRT

<213> Homo Sapiens

<400> 2

Val Lys Val Gly Gly Glu Ala Gly Pro
 1 5

<210> 3

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Consensus sequence

<400> 3

Leu Gln Gly Ala Ile Arg Arg Glu Pro
 1 5

A124USSEQ.TXT

<210> 4
 <211> 20
 <212> PRT
 <213> Homo Sapiens

<400> 4
 Cys Lys Glu Val Gln Ala Glu Asp Asn Ile Tyr Ile Glu Asn Ser Leu
 1 5 10 15
 Tyr Ala Thr Asp
 20

<210> 5
 <211> 15
 <212> PRT
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<220>
 <221> VARIANT
 <222> 11, 13, 15
 <223> Xaa = Any Amino Acid

<400> 5
 Ser Val Lys Val Gly Gly Glu Ala Gly Pro Xaa Val Xaa Leu Xaa
 1 5 10 15

<210> 6
 <211> 81
 <212> PRT
 <213> Homo Sapiens

<400> 6
 Met Pro Leu Pro Arg Gln Asn His Glu Pro Val Ala Thr Ser Pro Ser
 1 5 10 15
 Ser Pro Gln Pro Ala Glu Thr His Pro Thr Thr Leu Gln Gly Ala Ile
 20 25 30
 Arg Arg Glu Pro Thr Ser Ser Pro Leu Tyr Ser Tyr Thr Thr Asp Gly
 35 40 45
 Asn Asp Thr Val Thr Glu Ser Ser Asp Gly Leu Trp Asn Asn Asn Gln
 50 55 60
 Thr Gln Leu Phe Leu Glu His Ser Leu Leu Thr Ala Asn Thr Thr Lys
 65 70 75 80
 Gly

<210> 7
 <211> 334
 <212> PRT
 <213> Homo Sapiens

<400> 7
 Met His Pro Gln Val Val Ile Leu Ser Leu Ile Leu His Leu Ala Asp
 1 5 10 15
 Ser Val Ala Gly Ser Val Lys Val Gly Gly Glu Ala Gly Pro Ser Val
 20 25 30
 Thr Leu Pro Cys His Tyr Ser Gly Ala Val Thr Ser Met Cys Trp Asn
 35 40 45
 Arg Gly Ser Cys Ser Leu Phe Thr Cys Gln Asn Gly Ile Val Trp Thr
 50 55 60
 Asn Gly Thr His Val Thr Tyr Arg Lys Asp Thr Arg Tyr Lys Leu Leu
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65      70      75      80
Gly Asp Leu Ser Arg Asp Val Ser Leu Thr Ile Glu Asn Thr Ala
85      90      95
Val Ser Asp Ser Gly Val Tyr Cys Cys Arg Val Glu His Arg Gly Trp
100     105     110
Phe Asn Asp Met Lys Ile Thr Val Ser Leu Glu Ile Val Pro Pro Lys
115     120     125
Val Thr Thr Thr Pro Ile Val Thr Thr Val Pro Thr Val Thr Thr Val
130     135     140
Arg Thr Ser Thr Thr Val Pro Thr Thr Thr Thr Val Pro Thr Thr Thr
145     150     155     160
Val Pro Thr Thr Met Ser Ile Pro Thr Thr Thr Thr Val Pro Thr Thr
165     170     175
Met Thr Val Ser Thr Thr Thr Ser Val Pro Thr Thr Thr Thr Ser Ile Pro
180     185     190
Thr Thr Thr Ser Val Pro Val Thr Thr Thr Val Ser Thr Phe Val Pro
195     200     205
Pro Met Pro Leu Pro Arg Gln Asn His Glu Pro Val Ala Thr Ser Pro
210     215     220
Ser Ser Pro Gln Pro Ala Glu Thr His Pro Thr Thr Leu Gln Gly Ala
225     230     235     240
Ile Arg Arg Glu Pro Thr Ser Ser Pro Leu Tyr Ser Tyr Thr Thr Asp
245     250     255
Gly Asn Asp Thr Val Thr Glu Ser Ser Asp Gly Leu Trp Asn Asn Asn
260     265     270
Gln Thr Gln Leu Phe Leu Glu His Ser Leu Leu Thr Ala Asn Thr Thr
275     280     285
Lys Gly Ile Tyr Ala Gly Val Cys Ile Ser Val Leu Val Leu Leu Ala
290     295     300
Leu Leu Gly Val Ile Ile Ala Lys Lys Tyr Phe Phe Lys Lys Glu Val
305     310     315     320
Gln Gln Leu Arg Pro His Lys Ser Cys Ile His Gln Arg Glu
325     330

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<210> 8

<211> 359

<212> PRT

<213> Homo Sapiens

<400> 8

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Met His Pro Gln Val Val Ile Leu Ser Leu Ile Leu His Leu Ala Asp
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20     25     30
Thr Leu Pro Cys His Tyr Ser Gly Ala Val Thr Ser Met Cys Trp Asn
35     40     45
Arg Gly Ser Cys Ser Leu Phe Thr Cys Gln Asn Gly Ile Val Trp Thr
50     55     60
Asn Gly Thr His Val Thr Tyr Arg Lys Asp Thr Arg Tyr Lys Leu Leu
65     70     75     80
Gly Asp Leu Ser Arg Arg Asp Val Ser Leu Thr Ile Glu Asn Thr Ala
85     90     95
Val Ser Asp Ser Gly Val Tyr Cys Cys Arg Val Glu His Arg Gly Trp
100    105    110
Phe Asn Asp Met Lys Ile Thr Val Ser Leu Glu Ile Val Pro Pro Lys
115    120    125
Val Thr Thr Thr Pro Ile Val Thr Thr Val Pro Thr Val Thr Thr Val
130    135    140
Arg Thr Ser Thr Thr Val Pro Thr Thr Thr Thr Val Pro Thr Thr Thr
145    150    155     160
Val Pro Thr Thr Met Ser Ile Pro Thr Thr Thr Thr Val Pro Thr Thr
165    170    175

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A124USSEQ.TXT

Met	Thr	Val	Ser	Thr	Thr	Thr	Ser	Val	Pro	Thr	Thr	Thr	Ser	Ile	Pro
			180					185					190		
Thr	Thr	Thr	Ser	Val	Pro	Val	Thr	Thr	Thr	Val	Ser	Thr	Phe	Val	Pro
		195					200					205			
Pro	Met	Pro	Leu	Pro	Arg	Gln	Asn	His	Glu	Pro	Val	Ala	Thr	Ser	Pro
	210					215					220				
Ser	Ser	Pro	Gln	Pro	Ala	Glu	Thr	His	Pro	Thr	Thr	Leu	Gln	Gly	Ala
	225				230					235					240
Ile	Arg	Arg	Glu	Pro	Thr	Ser	Ser	Pro	Leu	Tyr	Ser	Tyr	Thr	Thr	Asp
			245						250					255	
Gly	Asn	Asp	Thr	Val	Thr	Glu	Ser	Ser	Asp	Gly	Leu	Trp	Asn	Asn	Asn
		260						265					270		
Gln	Thr	Gln	Leu	Phe	Leu	Glu	His	Ser	Leu	Leu	Thr	Ala	Asn	Thr	Thr
		275					280					285			
Lys	Gly	Ile	Tyr	Ala	Gly	Val	Cys	Ile	Ser	Val	Leu	Val	Leu	Leu	Ala
	290					295					300				
Leu	Leu	Gly	Val	Ile	Ile	Ala	Lys	Lys	Tyr	Phe	Phe	Lys	Lys	Glu	Val
	305				310					315					320
Gln	Gln	Leu	Ser	Val	Ser	Phe	Ser	Ser	Leu	Gln	Ile	Lys	Ala	Leu	Gln
			325						330					335	
Asn	Ala	Val	Glu	Lys	Glu	Val	Gln	Ala	Glu	Asp	Asn	Ile	Tyr	Ile	Glu
		340						345					350		
Asn	Ser	Leu	Tyr	Ala	Thr	Asp									
		355													